The Sizewell C Project

9.18 Bat Roost Surveys in Trees - Associated Development Sites

Revision: 1.0
Applicable Regulation: Regulation 5(2)(q)
PINS Reference Number: EN010012

June 2021

Planning Act 2008
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

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1 SUMMARY

1.1.1 This document provides the results of the 2021 bat tree climbing surveys conducted on the Sizewell C Project's associated development sites in 2021. It provides the detail required to inform the required European Species Licences (EPSL) and is submitted into the Examination at Deadline 1.

1.1.2 Sizewell C Project's associated development sites comprise:

- Southern park and ride (Wickham);
- Northern Park and Ride (Darsham);
- Two village bypass;
- Sizewell link road;
- Yoxford roundabout;
- Freight management facility; and
- Green rail route.

1.1.3 All associated development sites were surveyed, apart from northern park and ride site (at Darsham), as no trees with bat roost potential are planned to be cleared in the proposed vegetation clearance.

2 OVERVIEW

2.1 The Aims of the 2021 Surveys

2.1.1 The aim of the 2021 bat tree inspection surveys at the associated development sites was to inform the required European Species Licences (EPSL) to permit development to proceed.

2.1.2 Detailed bat tree roost inspection surveys were also undertaken on the main development site. They were undertaken using the same methodology as the associated development site surveys outlined in this report. The surveys for the main development site are reported separately and also submitted into the examination at Deadline 1.

2.2 Submitted Baseline

2.2.1 Bat tree inspection surveys have previously been undertaken by Arcadis within the red line boundary of each associated development sites. The

results, impact assessment and proposed mitigation can be found in full in the following documents:

- Environment Statement, Volume 3 Chapter 7 – Northern Park and Ride, Terrestrial Ecology and Ornithology [APP-363].
- Environment Statement, Volume 4. Chapter 7 – Southern Park and Ride, Terrestrial Ecology and Ornithology [APP-394].
- Environment Statement, Volume 5 Chapter 7 – Two Village Bypass, Terrestrial Ecology and Ornithology [APP-425].
- Environment Statement, Volume 6 Chapter 7 – Sizewell Link Road, Terrestrial Ecology and Ornithology [APP-461].
- Environment Statement, Volume 7 Chapter 7 – Yoxford Roundabout, Terrestrial Ecology and Ornithology [APP-494].
- Environment Statement, Volume 8 Chapter 7 – Freight Management Facility, Terrestrial Ecology and Ornithology [APP-523].
- Environment Statement, Volume 9 Chapter 7 – Rail, Terrestrial Ecology and Ornithology [APP-555].
- Sizewell C – 2020 Ecology Survey Reports:
- Northern Park and Ride Survey Report 2020 [AS-036];
- Southern Park and Ride Survey Report 2020 [AS-036];
- Sizewell Link Road Survey Report 2020 [AS-036]; and
- Sizewell C Project Environment Statement Addendum. Chapter 9, Appendix 9.5.A Green Rail Route Survey Report 2020 [AS-259].

3 METHODS

3.1.1 The 2021 surveys consisted of detailed inspection of trees that were previously assessed through ground tree assessments to inform the required European Species Licences (EPSL) to permit development to proceed. The 2021 surveys comprised the use of an endoscope from ground or ladder and climbing assessments to assess the suitability of potential roosting features. Fourteen new trees with roosting potential were identified on Sizewell link road, these were assessed from the ground and were unable to be climbed due to the prevailing weather conditions at the time of survey. These fourteen

trees are to be surveyed in 2021 and the results will inform the preparation of the EPSL to be submitted to Natural England.

3.1.2 Previous survey results (2019 and 2020 Arcadis ground level tree assessments) were reviewed, and cross referenced with the proposed vegetation clearance plan to determine which trees with roosting bat potential were situated within the proposed vegetation removal zones within each associated development site. These zones can be viewed on the site clearance plans for each of the sites which are identified below:

- northern park and ride: **Volume 3, Figure 2.2** of the **ES** [APP-352]; and
- southern park and ride: **Volume 4, Figure 2.2** of the **ES** [APP-382]; and
- two village bypass: **Figure 5.2.6 and 5.2.7** of the **ES Addendum** [AS-197]; and
- Sizewell link road: **Figures 6.2.9 to 6.2.12** of the **ES Addendum** [AS-198]; and
- Yoxford roundabout and other highway improvements: **Volume 7, Figure 2.7** of the **ES** [APP-482]; and
- freight management facility: **Volume 8, Figure 2.2** of the **ES** [APP-513] ; and
- rail proposals: **Volume 9, Figure 2.4** of the **ES** [APP-543].

3.1.3 The results of this review, shown in **Section 5**, informed the scope of further field surveys in 2021.

3.1.4 Trees that were assessed in previous ground-based surveys as having high or moderate roosting potential within the site were assessed internally (by climbing or with the use of an endoscope from ground or with the use of a ladder) for their suitability to support roosting bats. In accordance with standard bat survey methodology (Ref 1) trees were assigned a level of roost suitability as set out in Table 3.1, below.

Table 3.1 Potential roost suitability criteria

Suitability	Description
Negligible	Negligible habitat features on site likely to be used by roosting bats.
Low	A structure with one or more potential roost sites that could be used by individual bats opportunistically. However, these

Suitability	Description
	potential roost sites do not provide enough space, shelter, protection, appropriate conditions and/or suitable surrounding habitat to be used on a regular basis or by larger numbers of bats (i.e. unlikely to be suitable for maternity or hibernation). A tree of sufficient size and age to contain potential roost features but with none seen from the ground or features seen with only very limited roosting potential.
Moderate	A structure or tree with one or more potential roost sites that could be used by bats due to their size, shelter, protection, conditions and surrounding habitat but unlikely to support a roost of high conservation status (with respect to roost type only – the assessments in this table are made irrespective of species conservation status, which is established after presence is confirmed).
High	A structure or tree with one or more potential roost sites that are obviously suitable for use by larger numbers of bats on a more regular basis and potentially for longer periods of time due to their size, shelter, protection, conditions and surrounding habitat.

3.1.5 The surveys were undertaken during January and February 2021, when broadleaved tree foliage was absent, and consisted of checks of features on trees with the use of ladders and endoscopes, where possible. Where roost features were not reachable by other means, trees were climbed. Tree species, direct evidence of bats and a detailed description of potential features, such as diameter, height and aspect were recorded. Two qualified tree climbers (trained to the City & Guilds NPTC Level 2 Award in Tree Climbing and Aerial Rescue standard) accessed trees using a ladder or harness and ropes to carry out a detailed internal inspection of Potential Roost Features (PRFs) identified from ground level during ground level roost assessments. In each climb, at least one of the tree climbers was a competent ecologist and a Natural England Class 2 bat licence holder, which allows the lawful use of a torch/endoscope to potentially disturb roosting bats. The inspections were aided by using torches, mirrors and endoscopes to verify features' suitability, compile information on their dimensions and to search for evidence of bats.

3.2 Limitations

3.2.1 A number of trees were unable to be climbed during the 2021 surveys for the following reasons. Where this is the case, trees retained the bat roost potential as considered from ground level:

- High winds impeded the climbing of 14 newly identified trees on Sizewell link road. These were assessed from the ground. Although this prevented detailed assessment of features, these trees are to be revisited and climbed in 2021 ahead of the EPSL application to Natural England. These trees have been identified separately in **Appendix B** and this survey data will be included within the licence application.

- A further five trees were unable to be climbed due to health and safety issues and the presence of nesting barn owls (Schedule 1). These trees have been identified separately in **Appendix B** and will be subject to dusk/ dawn emergence/ re-entry surveys where appropriate and this survey information will be provided within the formal licence application.

3.2.2 As the primary purpose of the aerial surveys was to determine the roost resource, where trees could not be climbed a precautionary assessment of the roost value was retained based on ground level inspections.

3.2.3 Due to the transitional nature of bat roosts, surveys undertaken to establish potential use by bats at any point in time do not exclude the potential for trees to be occupied in the future.

3.2.4 The survey results presented here document the findings at the time of each survey, however, due to the transient nature of bat roost features, any tree may gain/lose potential to tree-roosting bats as a result of weather conditions, decay, disease etc.

4 RESULTS

4.1 Previous Survey/ Data Analysis

4.1.1 Out of the 409 trees previously identified within the ES[1] with bat roost potential from ground level roost assessments within the associated development sites, 132 trees, shown in **Table 4.1**, were located within the updated proposed vegetation removal zones of the associated development

[1] Note that these trees were identified on surveys between 2011 and 2019 and detailed within Volume 3, Appendix 7A.3 (Doc Ref.6.4) [APP-364], Volume 4, Appendix 7A.3 (Doc Ref.6.5) [APP-395], Volume 5, Appendix 7A.3 (Doc Ref.6.6) [APP-426], Volume 6, Appendix 7A.3 (Doc Ref.6.7) [APP-462], Volume 7, Appendix 7A.3 (Doc Ref.6.8) [APP-495], Volume 8, Appendix 7A.3 (Doc Ref.6.9) [APP-524] and Volume 9, Appendix 7A.3 (Doc Ref.6.10) [APP-556].

sites. Of these, 90 trees were considered of high or moderate potential for roosting bats and were therefore selected for further survey. The remaining 42 trees were considered of negligible or low potential and were not surveyed.

Table 4.1 Number of trees that required further survey from previous results.

Site	Total No. of Trees with identified bat roost potential to be removed	No. of trees with identified bat roost potential to be removed				Total high and Moderate potential trees for further survey
		High potential	Moderate Potential	Low Potential	Negligible Potential	
Northern park and ride	0	0	0	0	0	**0**
Southern park and ride	3	2	0	1	0	**2**
Two village bypass	56	18	18	15	5	**36**
Sizewell link road[2]	66	12	35	16	3	**47**
Yoxford roundabout	2	0	1	1	0	**1**
Freight management facility	2	0	1	1	0	**1**
Green rail rail	3	1	2	0	0	**3**
Total	**132**	**33**	**57**	**34**	**8**	**90**

4.2 2021 Field Survey

4.2.1

The 2021 field survey included the 90 trees identified during the analysis of previous survey data within the proposed vegetation removal zone as being of high or moderate potential for roosting bats (see above) and an additional 14 trees identified during the field survey that were not recorded during the initial ground-based assessments. A total of 104 trees were therefore identified for survey and of these, 101 trees were surveyed, either from ground level or as part of aerial inspections, during January and February 2021. Of the remaining three trees, one was no longer present and the other two could not be located during the survey – further discussion regarding this is provided in the following sections. The results are summarised in **Table**

[2] Sizewell link road was surveyed in 2020 and 2021 as 'gap filling' due to restricted access in 2020.

4.2 and are detailed by associated development sites in **Table** 1 - **Table 8, Appendix B**. The results are shown on **Figure 1 – Figure 6.**

Table 4.2 Number of trees within associated development site proposed vegetation clearance zones identified with bat roost potential following further survey and which may be impacted by the project.

Site	No. of trees with identified bat roost potential following further survey to be impacted by the project				Tree no longer present	Total
	High potential	Moderate Potential	Low Potential	Negligible Potential		
Southern park and ride	1	1	0	0	0	**2**
Two village bypass	17	11	2	6	0	**36**
Sizewell link road	19	23	10	6	3	**47**
Yoxford roundabout	0	0	0	1	0	**1**
Freight management facility	0	1	0	0	0	**1**
Green rail route	1	1	0	1	0	**3**
Total	**38**	**37**	**12**	**14**	**3**	**104**

4.2.2 No confirmed roosts were identified during the 2021 surveys, and none were identified prior to 2021. The trees identified as offering high roosting potential for bats, that are proposed to be removed, were mainly located within two village bypass and Sizewell link road, although one was identified on southern park and ride and one on green rail route. After the 2021 surveys, the overall roost potential of multiple trees were downgraded, full details are presented in **Appendix B.** In summary:

4.2.3 Results of the 2021 surveys of all the trees due to be removed along the two village bypass route corridor found:

- Clusters of high potential trees were located around Nuttery Belt woodland, on the floodplain to the west of the River Alde, and west of Friday street farm.
- Trees 98, 119 and 121, north-east and east of Farnham hall, were also considered of high roosting potential.

4.2.4 Results of the 2021 surveys of all the trees due to be removed along the Sizewell link road route corridor found:

- Clusters of high potential trees were located in a small copse south-west of Bobbett's Wood, and adjacent to Pretty Road.

- Three high potential trees were recorded where the route passes through a linear woodland south-west of the B1122, north-east of Theberton.

4.2.5 The 14 new trees identified were all located with Sizewell link road site, specifically within a copse to the south-east of Bobbett's Wood, where trees 156 and 159 were previously recorded however could not be successfully located. 156 and 159 may have been reclassified as two of the new 14 trees. These consisted of six trees considered of high roosting potential, seven of moderate and one of low roosting potential. These were identified by ground-based assessment only as high winds prevented climbing. Details of the 14 new trees are presented in **Table** 7 in **Appendix** B.

5 DISCUSSION

5.1.1 No confirmed roosts were recorded within any of the trees surveyed. However, as tree roosts are highly transitional (a strategy thought to reduce parasitism and predation in tree roosting bats (Ref 3)), the chance of detection in comparison to other structures is reduced. The surveys also resulted in multiple trees being downgraded with regard to overall tree potential.

5.1.2 Thirty-eight high potential trees and 37 moderate potential trees were recorded, some of which were clustered together and alongside trees of low potential. All of which will be impacted by the proposed development. This is an increase of five high potential trees and a decrease of 20 moderate potential trees when compared to initial ground-based assessments due to the features being downgraded upon more detailed inspection during 2021. The total number of trees considered to be of low and negligible potential proposed to be removed has increased to 46 and 22, respectively.

5.1.3 Trees of high, moderate and low potential have the potential to support the following tree roosting species, which have been recorded within the associated development sites through activity and static detector surveys; common pipistrelle, soprano pipistrelle (*Pipistrellus pygmaeus*), Nathusius' pipistrelle (*Pipistrellus nathusii*), serotine (*Eptesicus serotinus*), barbastelle (*Barbastella barbastellus*), *Myotis* sp., and *Nyctalus* sp. Although it should be noted that the previous bat activity survey results (detailed in Sizewell C Project – **Environment Statement, Volumes 3 - 9, Chapter 7 – Terrestrial Ecology and Ornithology** (Doc Refs. 6.4 to 6.10) suggested that, while these species were present on the associated development sites, the timing

of activity suggested that they were not likely roosting within each site, except for common pipistrelle on two village bypass and Sizewell link road.

5.1.4 Due to the transitional nature of tree roost use, it is assumed that a proportion of potential roosts may be used by roosting bats concurrently. Therefore, where proposed vegetation clearance is likely to remove roost clusters, in locations such as Nuttery Belt woodland on the two village bypass or the copse south-east of Bobbett's Wood on the Sizewell link road, the effect on the local bat population is likely to be greater than in locations where a single potential roost resource is being lost.

5.1.5 The surveys conducted to date are considered sufficient to inform the roost resource within the woodlands and trees surveyed. This information will inform a proposed Organisational Licence in relation to impacts to bats, an approach that has previously been discussed with Natural England. However, it will be necessary to safeguard individual bats during vegetation removal through further targeted survey to be completed during the enabling and construction phase.

5.1.6 After project approval, the following surveys will be undertaken prior to commencement of each associated development and during the development of the scheme:

- Further inspection and/or dusk emergence/ dawn re-entry surveys, on trees identified in this report where inspection was constrained and all trees assessed as having moderate or high potential.
- Pre-felling surveys for any tree where suitable features have been identified to confirm absence of bat presence.
- For low roost potential trees, removal will follow best practice at the time of tree removal which may include soft/sectional felling.

5.1.7 The timing of these surveys will be dependent on the phasing of the development and the surveys should be conducted according to the prescriptions of the applicable bat licence, and as close to tree removal for each phase as is practicable.

5.1.8 Surveys undertaken to establish the nature of use at any point in time do not exclude the potential for trees to be occupied in the future. In the event that a tree to be felled is found to be occupied by a roosting bat, licensing and mitigation procedures would be followed.

6 CONCLUSION

6.1.1 A total of 101 trees, which are currently proposed for removal, were surveyed in 2021 for use by roosting bats (38 with high potential and 37 with moderate potential). During the 2021 surveys, no active or confirmed roosts were identified.

6.1.2 The results of the 2021 survey are aligned with the baseline submitted in the Sizewell Project ES (Doc Refs. 6.4 to 6.10) [APP-363, APP-394, APP-425, APP-461, APP-494, APP-523 and APP-555] and subsequent 2021 submissions (Doc Ref. 6.13) [AS-021] (Doc Ref 6.13 (A) [AS-037] (Doc Ref. 6.14) [AS-182 to AS-188]. The new information obtained in 2021 allows protected species licenses to be updated.

REFERENCES

1. Collins. 2016. Bat Surveys for Professional Ecologists: Good Practice Guidelines. 3rd edition. London: The Bat Conservation Trust.

2. Natural England. 2021. Ancient Woodland (England). https://data.gov.uk/dataset/9461f463-c363-4309-ae77-fdcd7e9df7d3/ancient-woodland-england (last accessed 26/04/2021).

3. D. Russo. L. Cistrone. G.Jones and S. Mazzoleni. 2004. Roost selection by barbastelle bats (*Barbastella barbastellus*) in beech woodlands of central Italy: Consequences for conservation. Biological Conservation, 117. 73-81.

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APPENDIX A: FIGURES

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APPENDIX B: TREE INSPECTION RAW DATA

Table 1 Results of further inspection of moderate and high potential trees within the vegetation removal zone of SPR

SPR Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
1	Early Mature Pedunculate Oak, Trunk 1.5m diameter	Old pruning wound from crown lifting on north side of main stem at 2.5m. Partially occluded wound 80mm wide by 180mm high extending a small distance (50mm) up and behind occlusion. Remnants of old 'mouse nest' (old leaves) in void, three droppings found adhering to face of dead wood inside.	High	High	Climbing	Entrance height: 15cm, entrance width: 6cm, Internal height: 50cm, Internal depth: 5cm, Dry, Spire shaped	High	High	Some parts of tree too dangerous to climb – this does not effect the overall result

SPR Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Split running along top of primary limb (350mm diameter) with dead wood, a complex cavity and delaminated wood on north-west site of stem at 4m with split extending about 1.5m Fungal fruiting body at end.	High			Entrance height: 4cm, entrance width: 3cm, Internal height: 5cm, Internal depth: 15cm, Wet	Low		
		Additional split and dead wood on limb at 4m approximately 2 to 6m out from trunk. Delaminated bark and dead wood along top edge of limb with extensive small splits (largely too tight) and hazard beam splits at the end of branch which could extend further.	High			Entrance Height: 4cm, Entrance width: 3cm, Spire shaped	Low		

SPR Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Hole wound facing south in dead spur on primary limb at 2m on west side of tree.	High			Entrance height: 4cm, Entrance width: 4cm, Internal height: 3cm, Internal depth: 12cm, Dry, Spire shaped.	Low		
		Several small holes in small snapped off limbs at end of branch.	Moderate/Low			Entrance height: 1.5cm, Entrance width 4cm, Internal height: 4cm	Moderate/Low		
		Two rot holes in pruning wounds (40x50mm diameter) on northern side of primary stem at 9 and 10m potentially extending into limb, facing west.	High			Entrance height: 3cm, Entrance width: 2cm, Internal height: 8cm, Internal depth: 20cm, Dry, Chambered	Low		
		Tear off feature on branch at 8m potentially extending horizontally into limb.	Moderate			Too dangerous to climb, considered Moderate	Moderate		

SPR Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Rot hole in pruning wound (35mm diameter) on east side of main stem facing trunk at 6m.	Moderate			Entrance height: 12cm, Entrance width: 2cm, Internal height: 3cm, Internal depth: 5cm, Dry, Spire shaped, Wet base	Moderate		
4	Early Mature Pedunculate Oak, Trunk 1m diameter	Covered in dense ivy with thick stems forming large, covered cavities across tree above 2m up to canopy. Inspected with endoscope from floor – suitable and extensive features identified.	High	High	Endoscope from ground	Needs further survey	Moderate	Moderate	Emergence/ re-entry survey to check Ivy

SPR Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Area of ruptured bark at 3.5m (800x100mm). Cavity extends up from rupture between main stem and bark up 900mm+.	High			Top entrance - Entrance height: 5cm, Entrance width: 2cm, Internal height: 25cm, Internal depth 4cm, Dry, Peak/Wedge shaped. Bottom entrance - Entrance height: 7cm, Entrance width: 1.5cm, Internal height: 30cm, Internal depth 30cm, Dry, Chambered. Two entrances one at bottom (used by birds) and top.	Moderate		

Table 2 Results of further inspection of moderate and high potential trees within the vegetation removal zone of 2VB

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
1	Field Maple, Mature, Diameter at Breast Height (DBH): 25cm, Height: 10m, Multi-stem	Limb, Type: Tear Outs, Height: 2m, Aspect: West, at top of limb, top dead	Moderate	Moderate	Endoscope from ladder	Height: 1m. Does not go into a cavity	Negligible	Negligible	None
3	Field Maple, Mature, DBH: 20cm, Height: 5m, Multi-stem	Stem, Type: Butt Rot, Height: 0m, Aspect: East	Moderate	Moderate	Endoscope from Ground	Height: 0m, Entrance height: 25cm, entrance width: 4cm, internal height: 45cm, internal depth: 5cm. Damp. Apex shape: Dome	Moderate	Moderate	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
4	Field Maple, Mature, DBH: 30cm, Height: 10m, Single-stem	Stem, Type: Wounds, Height: 1.5m, Aspect: East, Small tear shaped wound	Low	High	Endoscope from ladder	N/A	Low	High	None
		Stem, Type: Knot Hole, Height: 3m, Aspect: West	High			Height: 3.5m, entrance height: 3 cm, entrance width: 4cm, internal height: 22cm, internal depth: 12cm. Dry	Moderate		
		Limb, Type: Tear Outs, Height: 5m, Aspect: West, Snapped off limb	Moderate			Height: 5m	Negligible		
		Stem, Type: Knot hole, Height: 1.6m, Aspect: North.	N/A			Height: 4m, entrance height: 5cm entrance width: 2cm. Wet bottom dry at the top.	High		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Stem, Type: Knot hole, Aspect: North.	N/A			Height: 2m, entrance height: 5cm entrance width: 3cm, internal height. Dry and spire shaped.	N/A		
		N/A	N/A			Height: 4m, entrance height: 5cm, entrance width: 2cm. Wet.	Negligible		
		Stem, Type: Rot hole, aspect: North.	N/A			Height: 2m, entrance height: 5cm, entrance width: 3cm, internal height: 64cm. Dry.	High		
		Stem, Aspect: South	N/A			Height: 3m, entrance height, 2cm, entrance width: 1.5cm, internal	N/A		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						height: 3cm, internal depth: 12cm. Dry and chambered shaped.			
		Type: Tear outs, Height: 0.5 m, Aspect: North.	N/A			Height: 0.5m, entrance height: 50cm, entrance width: 4cm, internal depth 4cm. Damp and dome shaped.	N/A		
16	Ash, Mature, DBH:20 cm, Height: 7 m, single-stem	Stem, Type: Woodpecker hole, Height: 6 m, Aspect: South	High	High	Climbing	Height: 6m, entrance height: 5cm, entrance width: 5cm, internal depth: 4cm. holes all blind at 4cm deep	Negligible	Negligible	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Stem< Type: Woodpecker hole, Height: 8 m, Aspect: South	N/a			Height: 8m, entrance height: 15cm, entrance width: 12cm, internal height: 40cm, internal depth: 15cm.	Negligible		
18	Field Maple, Mature, DBH: 30cm, Height: 10m, Single-stem	Stem, Type: Tear Outs, Height: 2m, Aspect: South,	Moderate	Moderate	Climbing	Height: 2m, entrance height: 3 cm, entrance width: 7cm, internal height: 32cm, internal depth: 10cm. Damp and chambered shape.	Moderate	Moderate	3 additional features too dangerous to climb. South facing 2x knot hole, 1x snapped branch.
		Stem, Type: Tear Outs, Height: 3m, Aspect: South, X2	Negligible			Height: 3m, entrance height, 20cm, entrance width: 1 cm, internal	Low		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						height: 50cm, internal depth: 15cm. Dry and chambered shaped. Joins to another feature.			
		Limb, Type: Tear out, Height:3.75m, Aspect: South	N/A			Height: 3.75m, entrance height: 15cm, entrance width: 14cm, internal height: 25cm, internal depth: 8cm.	Low		
		Stem, Type: Knot Hole, Height: 4m, Aspect: South	N/A			Height: 4m, entrance height: 3cm entrance depth: 10cm.	Low		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Stem, Type: Tear outs, Height: 2.5m, Aspect: South	Moderate			Height: 3m, entrance height: 3cm, entrance width, internal height: 40cm, internal depth: 10cm. Dry above joins above tear out. Wet at bottom	Low		
19	Field Maple, Mature, DBH: 20cm, Height: 10m, Multi-stem	Stem, Type: Knot Hole, Height: 2m, Aspect: South,	Negligible	Moderate	Climbing	Height: 0.45m, entrance height: 4cm, internal height: 8cm, internal depth: 4cm. Damp.	Low	High	None
		Stem, Type: Transverse Snap, Height: 2m, Aspect: South,	Negligible			Height: 2.25m, entrance height: 8cm, entrance width: 4cm. Dry. dry crevices,	Negligible		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						damp bottom, open chimney			
		Stem, Type: Tear Outs, Height: 3m, Aspect: South, On dead limb	Moderate			Height: 1.8m, entrance height: 3cm, entrance: width: 2cm, internal height: 20cm, internal depth: 10cm. Dry. Apex shape: spire	Moderate		
		Limb, Type: Tear Outs, Height: 5m, Aspect: South	High			Height: 8m, entrance height: 15cm, entrance width: 8cm, internal height: 20cm, internal depth: 12cm. Dry. Apex shape: chambered	High		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
21	Pedunculate Oak, Mature, DBH: 60cm, Height: 13m, Single-stem	Limb, Type: Knot Hole, Height: 4m, Aspect: East	Moderate	Moderate	Climbing	Height: 5m, entrance height: 6cm, entrance width: 6cm, internal height: 20cm, internal depth: 24cm. Chambered shape, bird nest inside.	High	High	None
22	Pedunculate Oak, Mature, DBH: 60cm, Height: 13m, Single-stem	Limb, Type: Tear Outs, Height: 5m, Aspect: East,	Moderate	Moderate	Climbing	Height: 3m, entrance height: 2cm, internal depth: 15cm. Peak/wedge shape. Exposed features	Moderate	Moderate	Dead limb too dangerous to climb
		Limb, Type: Lifting Bark, Height: 2m, Aspect: East, Dead limb crack and bark	Moderate			Height: 2m.	Moderate		
29	Ash, Mature, DBH: 30cm,	Stem, Type: Tear Outs, Height: 5m, Aspect: North	High	High	Climbing	Height: 5m. Blue tit nest in cavity	High	High	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	Height: 10m, Single-stem								
30	Ash, Mature, DBH: 30cm, Height: 7m, Single-stem	Stem, Type: Woodpecker hole, Height: 6m, Aspect: North, Top snapped off tree	High	High	Endoscope from ladder	Height: 6m, entrance: height 6cm, entrance width: 6cm, internal height: 25cm. Connected to woodpecker hole.	Negligible	Negligible	None
		Stem, Type: Tear Outs, Height: 6m, Aspect: East	High			Height: 6m. Exposed.	Negligible		
30B	Ash, Mature, DBH: 31cm, Height 12m,	Limb, Type: Tear Outs, Height: 7m, Aspect: West	Moderate	High	Climbing	Height: 7m.	Moderate	Low	None
		Limb, Type: Tear Outs, Height: 8m, Aspect: West	Low			Height: 8m	Negligible		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	Single-stem	Stem, Type: Woodpecker Holes, Height: 8m, Aspect: East, X2	High			Height: 7m, entrance height: 7cm, entrance width: 7cm, internal height: 14cm, internal depth:11cm. Dry and dome shaped. Grey squirrel using hole.	Low		
		Type: Woodpecker Hole	N/A			Height: 8m, entrance width: 8cm, internal height: 22cm, internal depth: 12cm, Dry and dome shaped.	Low		
30D	Field Maple, Mature, DBH: X,	Stem, Type: Fluting, Height: 1m, Aspect: North	Moderate	Moderate	Endoscope from ground	Height: 1m, entrance height: 5cm, entrance width: 3cm,	Moderate	Moderate	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	Height: 10m, Multi-stem					internal height: 9cm, internal depth: 4cm. Damo and spire shaped.			
30E	Ash, Mature, DBH: 20cm, Height: 8m, Single-stem	Stem, Type: Woodpecker Holes, Height: 5m, Aspect: South	High	High	Endoscope from ladder	Height: 5m, entrance height: 7cm, entrance width: 10cm, internal depth: 15cm. down 20cm into nest material	High	High	None
30F	Ash, Mature, DBH: 25cm, Height: 8m, Single-stem	Stem, Type: Knot Hole, Height: 4m, Aspect: West	High	High	Endoscope from ladder	Height: 5cm, entrance height: 5cm, entrance width:4cm, internal width: 34cm, internal depth: 4cm. Wet and dome shaped. Goes down	High	High	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
30G	Cherry, Dead, DBH: 30cm, Height: 5m, Single-stem	Stem, Type: Lifting Bark, Height: All bark	Moderate	Moderate	N/A	N/A	Moderate	Moderate	None
30H	Ash, Dead (Fallen), DBH: 30cm, Height: 5m, Single-stem	Stem, Type: Wounds, Height: End of Stem, Aspect: South	Moderate	Moderate	Endoscope from ground	End of stem - hollow entrance. Entrance height: 7cm, entrance width: 11cm, internal height: 5cm, internal depth: 90cm. Damp and dome shaped.	Moderate	Moderate	None
31	Other, Alder, Mature, DBH: 40cm, Height: 13m, Multi-stem	Stem, Type: Wounds, Height: 1m, Aspect: South, where two stems meet	High	High	Endoscope from ground	Height: 1m, entrance height: 7cm, entrance width: 2cm internal height: 35cm, internal	High	High	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						depth: 8cm. Dry and spire shaped.			
33	Other, Alder, Mature, DBH: 30cm, Height: 10m, Multi-stem	Stem, Type: Wounds, Height: 2m, Aspect: West, Hole where limb snapped off, visible from fence	Moderate	Moderate	Climbing	Height: 3.5m, entrance height: 3cm, entrance width: 4cm, internal depth: 4cm. Damp	Low	Low	None
		Stem, Type: Knot Hole, Height: 1.5m, Aspect: South	Low			Height: 1.75m, entrance height: 10cm, entrance width: 7cm, internal depth: 24cm. Damp base and dry top.	Low		
		Limb, Type: Knot Hole, Height: 4m, Aspect: West,	Moderate			Height: 2.5m, entrance height: 2cm, entrance 2cm, internal	Low		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						depth: 4cm. Damp.			
		Stem, Type: Tear Outs, Height: 5m, Aspect: West,	Moderate			Height: 5m, entrance height: 15cm, entrance width: 10cm, internal depth: 8cm. Wet.	Negligible		
35	Pedunculate Oak, Mature, DBH: 80cm, Height: 13m, Single-stem	Limb, Type: Lifting Bark, Height: 2m, Aspect: Multiple dead limbs, lifting bark,	Moderate	Moderate	Climbing	Height: 2m, open and exposed.	Negligible	Negligible	None
		Limb, Type: Wounds, Aspect: Multiple	Moderate			Entrance width: 15cm, internal height: 13cm. Spire shaped.	Negligible		
		Type: Knot hole, Aspect: Northeast.	N/A			Height: 6m, entrance height: 10cm, entrance width: 16cm, internal	Negligible		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						height: 2cm, internal depth: 5cm. Dome shaped.			
		N/A	N/A			Entrance height: 20cm	Negligible		
		Limb Type: Wound, Aspect: North	N/A			Internal height: 15cm. Spire shaped.	Negligible		
		Limb, Type: Tear outs, Height: 6 m.	N/A			Exposed.	Negligible		
		Limb, Type: Tear outs.	N/A			Entrance width: 2cm. Exposed.	Negligible		
		Limb, Type: fracture.	N/A			Fracture going south. on bottom of 10m limb. starting to repair.	Negligible		
37	Willow, Mature, DBH: 50cm, Height: 13m, Single-stem	Stem, Type: Fluting, Height: 2m, Aspect: North, Too close to ditch	High	High	Endoscope from ladder	Height: 2m, entrance height: 70cm, entrance, entrance width: 2cm, internal	Moderate	Moderate	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						height: 100cm, internal depth: 20cm. Dry and chambered.			
		Stem, Type: Fluting, Height: 2m, Aspect: South,	High			Height: 2m, entrance height: 120cm, entrance width: 2cm, internal height: 150cm, internal depth: 20cm.	Moderate		
65	Willow, Mature, DBH: 100cm, Height: 8m, Single-stem	Type: Wounds, Aspect: Few wounds, large hollow dead fallen stem	High	High	Endoscope.	N/A	N/A	Negligible	No obvious features to check with endoscope.
67	Willow, Mature, DBH: 80cm, Height:	Limb, Type: Tear Outs, Height: 2m, Aspect: East, On partially fallen limb	High	High	Endoscope from ground	Height: 2m, entrance height: 4cm, entrance width: 5cm,	High	High	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	13m, Single-stem					internal height: 15cm, internal depth: 4cm. Dry and spire shaped.			
68	Willow; Mature; DBH: 80cm, Height: 13m, Single-stem	Stem, Type: Wounds, Height: 3m, Aspect: West, Hollow stem extends to smaller cavity upwards	High	High	Endoscope from ground	Height: 3m. Shadow cavities.	Moderate	Moderate	None
		Stem, Type: Wounds, Height: m, Aspect: multiple, Also ivy	Moderate			N/A	N/A		
69	Pedunculate Oak, Mature, DBH: 100cm, Height: 10m, Single-stem	Stem, Type: Tear Outs, Height: 1m, Aspect: South	High	High	Endoscope from ground	Height: 1m, entrance height: 50cm, entrance width: 3cm, internal height: 55cm, internal width: 5cm, internal	High	High	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						depth: 4cm Dry and dome shaped.			
		Stem, Type: Impact Shatter, Height: 2m, Aspect: North, Fallen limb	Low		Endoscope from ladder	Height: 2m, entrance height 6cm, entrance width: 6cm, internal height: 33cm. Dry and chambered shaped. several cavities. Top one open and has a nest. Recorded cavity is dry, other cavities damp. There is a 4th cavity behind rams' horn.	Low		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
73	Ash, Mature, DBH: 60cm, Height: 8m, Single-stem	Stem, Type: Butt Rot, Height: 0.5m, Aspect: North	High	High	Endoscope from ladder	Height: 0.5m, entrance height: 15cm, entrance width: 7cm, internal height: >2cm, internal width: 80cm, internal depth: 100cm. small bones at ground level inside the cavity (possible fox). From top entrance large cavity up the stem.	High	High	None
		Stem, Height: 2.5 cm, Aspect: East.	N/A			Entrance height: 30cm, entrance width: 27cm, internal height:	N/A		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						0.5cm. southern limb multichambered 0.5m up main stem goes up 40cm (same entrance) into north stem 50cm			
95	Pedunculate Oak, Mature, DBH: 60cm, Height: 8m, Single-stem	Stem, Type: Knot Hole, Height: 1m, Aspect: East, Multiple	Negligible	Moderate	Climbing	Height: 1m, entrance height: 5cm, entrance width:4cm, internal height: 15cm, internal width: 10cm, internal depth: 25cm. Dry and chambered.	Negligible	High	None
		Type: Lifting Bark, Height: <1m, Aspect: Multiple	Negligible			Height: <1m, entrance height: 2cm, entrance width: 10cm, internal	Low		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						height: 7cm, internal depth: 2cm. Dry and peak/wedge. Cobweb's present			
		Limb, Type: Tear Outs, Height: 4m, Aspect: East, Multiple	Moderate			Height: 6m, entrance height: 20cm, entrance width: 2cm, internal height: 5cm. Dry and chamber shaped.	Moderate		
		Stem, Type: Knot Hole, Height: 6m, Aspect: East	Low			Height: 6m, entrance height: 20cm, entrance width: 12cm, internal height: 5cm, internal depth: 4cm. Dry and chambered shape.	N/A		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Stem, Type: Knot Hole, Height: 6m, Aspect: West	Low			Height: 6m, entrance height: 20cm, entrance width: 10cm, internal height: 30cm, internal depth: 4cm.	High		
		Limb, Type: Lifting Bark, Height: 8m, Aspect: East	Low			Height: 8m. Dry and chambered.	Low		
		Type: Tear out	N/A			Height: 7m, entrance height: 6cm, entrance width: 4cm, internal height: 27cm. Dry and peak/wedge shaped.	High		
97	Pedunculate Oak, Mature, DBH:	Limb, Type: Wounds, Height: 4m, Aspect: North, Dead limb looks hollow	High	High	Climbing	Height: 4m.	High	High	Barn owl present

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	120cm, Height: 8m, Single-stem	Stem, Type: Knot Hole, Height: 2m, Aspect: South,	Low			Height: 2m,	High		
						Tree hollow, from 4m high to base of tree. used by barn owl. Barn owl pellets	N/A		
98	Pedunculate Oak, Mature, DBH: 150cm, Height: 8m, Single-stem	Stem, Type: Lighting Strike, Aspect: Numerous prf all around tree	High	High	Ground assessment	Into western limb, 60cm up, 120cm diameter. Barn owl present.	High	High	Emergence/ re-entry survey recommended due to barn owl presence
103	Pedunculate Oak, Burnt out, Mature, DBH: 120cm, Height: 8m,	Type: Wounds, Aspect: Multiple lifted bark and snapped limbs and hazard beam with potential	High	High	Ground assessment		High		Emergence/ re-entry survey recommended as too dangerous to climb

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	Single-stem								
111	Pedunculate Oak, Mature, DBH: 60cm, Height: 10m, Single-stem	Stem, Type: Lifting Bark	Moderate	Moderate	Endoscope from ladder	Height: 7m. Unsafe for climbing.	Moderate	Moderate	None
		Stem, Type: Tear outs, Height: 2m, Aspect: East.	N/A		Endoscope from ground	Height: 2m, entrance height: 26cm, entrance width: internal height: 6cm. Dry and dome shaped.	Moderate		
		N/A	N/A			Entrance height: 26cm, entrance width: 3cm, internal height: 4cm. Dry and Peak shaped.	Negligible		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
112	Ash, Mature, DBH: 30cm, Height: 8m, Single-stem	Stem, Type: Woodpecker hole, Height: 7m, Aspect: Both sides of stem	High	High	Endoscope from ladder	Height: 7m, entrance 11cm, entrance width: 12cm, internal height: 28cm, internal depth: 20cm. Dry and chambered.	High	High	None
		Stem, Type: Knot Hole, Height: 6m	High			Height: 6m, entrance height: 5cm, entrance width: 5cm, internal height: 15cm. Dry and dome shaped.	High		
		Type: Woodpecker hole, Aspect: Northwest.	N/A			entrance width: 13cm, internal height: 20cm, internal depth: 20cm. Dry and	N/A		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						chamber shaped.			
115	Pedunculate Oak, Mature, DBH: 100cm, Height: 13m, Single-stem	Type: Wounds, Multiple lifted bark around dead limbs, and tear out	Moderate	Moderate	Endoscope from ladder	N/A	Moderate	Moderate	None
		N/A	N/A			Entrance height: 15cm, entrance width: 5cm, internal depth: 100cm.	N/A		
		Limb, Type: Knot hole, Aspect: South.	N/A			Internal depth: 120cm. Dry and chamber shaped.	N/A		
		Stem, Height: 3 m, Aspect: East.	N/A			Height: 3m, entrance height: 15cm, entrance width: 5cm, internal height: 15cm, internal	N/A		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						depth: 90 cm. Dry and chambered.			
119	Pedunculate Oak, Mature, DBH: 200cm, Height: 10m, Single-stem.	Limb, Type: Tear out, Height: 4m, Aspect: North	Moderate	Moderate	Endoscope from ladder	Height: 4m. hollow tree base. cobwebs. cavities go up about 50-70cm	High	High	Emergence survey suggested. lifting bark on steam and knot holes checked but nothing present
		Limb, Height: 4m, Aspect: South	N/A			Height: 4m, entrance height: 22cm, entrance width: 30cm, internal height: 60cm, internal depth: 30cm. Dry and chamber shaped.	High		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Type: Knot hole, Height: 4.5 m, Aspect: South.	N/A			Height: 4.5m, entrance height: 27cm, entrance width: 30cm, internal height: 33cm, internal width: 2cm, internal depth: 7cm. Dry and dome shaped.	High		
121	Ash, Semi-mature, DBH: 30cm, Height: 8cm, Single-stem	Limb, Type: Tear out, Height: 3.5m, Aspect: North	Moderate	Moderate	Endoscope from ladder	Height: 3.2m, entrance height: 3cm, entrance width: 3cm, internal height: 4 cm, internal depth: 5 cm. Dry.	Moderate	High	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		.Limb, Height: 4 m, Aspect: South.	N/A			Height: 4.5m, entrance height 4cm, entrance width: 3cm, internal height: 10cm. Dry and peak/wedge shaped.	N/A		
		Limb, Type: Tear outs, Height: 4 m, Aspect: Northwest.	N/A			Height: 4m, entrance height: 100cm, entrance width: 4cm, internal height: 30cm, internal width: 5cm, internal depth: 3cm. Dry and spired shaped.	High		
122	Ash, Mature, DBH:	Limb, Type: Woodpecker hole,	Moderate	Moderate	Climbing	Height: 6.5m, open at the top	N/A	Moderate	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	85cm, Height: 12cm, Single-stem	Height: 5m, Aspect: South-west							
		Limb, Type: Tear-out, Height: 4m, Aspect: South-west	Moderate			Height: 4m.	Moderate		
		Type: Tear outs, Height: 6.5 m.	N/A			Height: 6.5m, internal height: 12cm, internal depth: 5cm.	N/A		
		Limb, Type: Tear outs, Height: 4 m, Aspect: East.	N/A			Height: 4m, entrance height: 4cm, entrance width: 5cm, internal height: 3cm, internal depth: 20cm. Wet.	Moderate		
		N/A	N/A			Entrance height 35 cm, entrance width: 7cm. Wet. Cavity does not continue.	N/A		

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Limb, Height: 7.1 m, Aspect: West.	N/A			Height: 7.1cm, entrance height: 3cm, entrance width: 5cm, internal height: 4cm, internal width: 3cm, internal depth: 15cm. Tear out don't go anywhere. (limb over track). Tear out only 15 deep and no cavity upwards	N/A		
		Limb, Height: 5 m, Aspect: South.	N/A			Entrance height: 5cm, entrance width: 18cm, internal depth: 5cm.	N/A		
128	Pedunculate Oak, Mature,	Limb, Type: Tear-out, Height: 8m, Aspect: West.	Moderate	Moderate	Climbing	Height: 3.2m, entrance height: 3 cm,	Negligible	Negligible	None

2VB Tree Number	Tree species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	DBH: 100cm, Height: 12cm, Single-stem					entrance width: 3 cm, internal height: 4 cm, internal depth: 5 cm. Doesn't go in, no cavity			

Table 3 Results of further inspection of moderate and high potential trees within the vegetation removal zone of SLR

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
75	Ash, Mature, DBH: 40cm, Height 10m, single stem.	Stem type: Lifting bark at 0.2m at the stem. Fallen Tree.	High	High	Endoscope from ground	Height: 0.2m. Wet, dome shape.	Low	Low	None
		Stem Type: Tear outs on limb.	High			Height: 0.2m. Wet, peak/wedge shape.	Low		
75a	Ash, Mature, DBH: 30cm, Height: 8m, Single-stem	Stem, Type: Tear Outs, Height 4m, Aspect: East.	High	High	Endoscope from Ladder	Height 3.7m, Entrance height 80cm, Entrance width 18cm, Internal height 70cm, Dry, Dome apex shape	Moderate	Moderate	None
78	Ash, Mature, DBH: 30cm, Height: 8m, Multi-stem	Limb, Type: Knot Hole, Height: 2m, Aspect: North	Moderate	Moderate	Endoscope from ground	Not a hole. Height 2m.	Negligible	Negligible	None

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Limb, Type: Knot Hole, Height 2.1m, Aspect: West.	Moderate						
80	Pedunculate Oak, Mature, DBH: 40cm, Height: 10m, Single-stem	Limb, Type: Lifting Bark, Height: 3m, Aspect: South	Moderate	Moderate	Ground based assessment	Bark fell off.	Negligible	Negligible	Lifting bark no longer present
81	Pedunculate Oak, Mature, DBH: 60cm, Height: 10m, Single-stem	Limb, Type: Tear Outs, Height: 4m, Aspect: North	High	High	Endoscope from Ladder	N/A	None	Low	None
		Limb, Type: Wound, Height: 4m, Aspect: North	Moderate			Doesn't go in or up, cavity down is a tit nest. Height: 4m, entrance height: 45 cm, internal width: 3cm. Dry, Apex shape:	Low		

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						peak/wedge.			
		Limb, Type; Knot hole	N/A			Entrance Height: 3cm, entrance width: 2cm, internal height: 15cm, internal width: 3cm, internal depth: 4cm.	None		
82	Field Maple, Mature, DBH: 15cm, Height: 3m, Single-stem	Stem, Type: Tear Outs, Height: 0.25m, Aspect: East	Moderate	Moderate	Endoscope from ground	Height 0.14m, Entrance height: 15cm, width 2 cm, internal height: 15cm. Damp, Apex shape: spire.	Negligible	Negligible	None

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
83	Field Maple, Mature, DBH: 20cm, Height: 8m, Single-stem	Stem, Type: Tear Outs, Height: 0.25m, Aspect: East	Moderate	Moderate	Endoscope from ground	Height: 1m, entrance height: 33cm, internal height: 50cm. Damp and done shaped.	Moderate	Moderate	None
84	Lime, Mature, DBH: 15cm, Height: 10m, Multi-stem	Stem, Type: Tear Outs, Height: 1m	Moderate	Moderate	Endoscope from Ground	Height: 1m. Internal height: 25cm. Damp. Apex shape: Spire shaped.	Moderate	Moderate	None
		Stem, Type: Tear Outs, Height: 1m	High			Entrance height: 20cm, entrance width: 2cm, internal height: 22cm. Dry, Apex shape: spire shaped.	Moderate		

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Stem, Type: Tear Outs, Height: 1m	High			Entrance height: 17cm, entrance width: 2cm, internal width: 61cm. Wet, Apex shape: spire shaped.	Low		
89	Ash, Fallen over fence, Mature, DBH: 20cm, Height: 6m, Single-stem	Stem, Type: Tear Outs, Height: 1m, Aspect: West	Moderate	Moderate	Endoscope from Ground	Open and exposed. Height 1m, Entrance Height: 54cm, entrance width: 7cm.	Low	Low	None
89a	Other, Barbed wire through, Mature, height 10m, single stemed.	Stem, Type: Tear Outs. Height: 1m, Aspect: East	High	High	Endoscope from Ladder	Stem, Type: Tear Outs. Height: 1m, Aspect: East	High	High	None
91	Ash, Mature, DBH: 20cm, Height:	Stem, Type: Tear Outs, Height: 2m, Aspect: East	Moderate	Moderate	Endoscope from Ladder	Height: 1.6m, internal height: 15cm. Wet,	Low	Low	None

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	10m, Multi-stem					Apex shape: spire shaped.			
						Height: 2.1m, Internal height: 5cm. Wet, Apex shape: spire shaped.	Low		
92	Pedunculate Oak, Mature, DBH: 80cm, Height: 13m, Single-stem	Stem, Type: Knot Hole, Height: 2m, Aspect: East	Moderate	Moderate	Ground based assessment	Entrance hole: 1cm, width: 40cm. Bees seen going in and out of the hole.	Moderate	Moderate	Bee's present using feature so further inspection was not undertaken. Further survey required
		Limb, Type: Lifting Bark, Height: 5m, Aspect: East	Low			Moderate	Low		
94	Pedunculate Oak, Mature, DBH: 50cm, Height: 8m, Single-stem	Stem, Type: Knot Hole, Height: 3m, Aspect: South	Moderate	Moderate	Endoscope from Ladder	Height: 3.65m, entrance height: 15cm, width: 15cm, internal height: 34cm,	Moderate	Moderate	None

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						internal width: 12cm. Dry. Corvids nesting in tree			
117	Pedunculate Oak, Mature, DBH: 80cm, Height: 10m, Single-stem	Limb, Type: Tear Outs, Aspect: South	Moderate	Moderate	Ground based assessment	Height: 5.6m	Moderate	High	Tree situated over road so unsafe for climbing. Further survey required
		Stem, Type: Ivy	N/A			Ivy plate over main stem.	Moderate		
		Limb, Type: Tear outs, Height: 8.2m, Aspect: East.	N/A			tear out with cavity, over the road, H&S implications	High		
		Limb, Type: Wounds, Height: 7m, Aspect: Southeast	N/A			N/A	High		
		Type: Lifting Bark	Moderate			N/A	Moderate		
119	Ash, Mature, DBH: 40cm, Height:	Limb, Type: Tear Outs, Height: 6m, Aspect: East	Low	Moderate	Endoscope from ladder	Entrance height: 2.5cm, entrance	Negligible	Low	None

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	10m, Multi-stem					width: 2.5 cm.			
		Limb, Type: Knot Hole, Height: 2m, Aspect: North	Low			N/A	Low		
		Limb, Type: Knot hole, Height: 5m, Aspect: South	N/A			Entrance height: 3cm, entrance width: 2 cm. Internal depth: 3cm.	Negligible		
		Limb, Type: Knot hole, Height: 9m, Aspect: South	N/A			Entrance height: 3cm, entrance width: 2cm. Internal depth: 5cm. Damp.	Negligible		
		Limb, Type: Tear Outs, Height: 3m, Aspect: North	Moderate			N/A	Low		
122	Pedunculate Oak, Mature, DBH: 80cm,	Stem, Type: Wounds, Height: 0.5m,	Low	Moderate	Endoscope from ground	Height: 0.5m.	Low	Moderate	None

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
	Height: 10m, Multi-stem	Aspect: North							
		N/A	N/A			Internal height: 4cm.	N/A		
		Stem, Type: Wounds, Height: 2m, Aspect: South	N/A			Height: 2m, entrance height: 2cm, entrance weight: 3cm. Dry. Apex shape: multi -chambered appears not to link with hole on north aspect	N/A		
		Stem, Type: Knot hole, Height: 1.5m, Aspect: North	Moderate			Height: 2m, entrance height: 40cm, entrance weight: 20cm, internal height: 40cm. Dry Apex shape: multi - chambered.	Moderate		

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
123	Crab Apple, Mature, DBH: 40cm, Height: 10m, Single-stem	Stem, Type: Knot Hole, Height: 1m, Aspect: South	Moderate	Moderate	Endoscope from ground	Entrance Height: 6cm, entrance width: 4cm, internal height 25cm. Dry. Apex shape: chambered.	Moderate	Moderate	None
		Stem Type: Lifting bark, Height: 1m, Aspect: West.	N/A			N/A	Moderate		
		Limb, Type: Hazard Beam, Height: 2m, Aspect: South	Low			facing north, hazard beam no longer as cut when pruning	Negligible		
130	Pedunculate Oak, Mature, DBH: 100cm, Height: 12m, Single-stem	Stem, Type: Hazard Beam, Height: 7m, Aspect: South East	Moderate	Moderate	N/A	N/A	N/A	N/A	Tree no longer present

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
131	Ash, Semi-mature, DBH: 20cm, Height: 11m, Single-stem	Stem, Type: Butt Rot, Height: 0.2m, Aspect: West	Moderate	Moderate	Endoscope from ground	Height: 50cm, entrance height: 13cm, entrance width: 13cm, internal height 55cm, internal depth: 7 cm. Dry . Apex shape: spire shaped.	Moderate	Moderate	None
137	Pedunculate Oak, Mature, DBH: 100cm, Height: 12m, Single-stem	Limb, Type: Woodpecker Hole, Height: 6m, Aspect: North	Moderate	Moderate	Endoscope from Ladder	No woodpecker hole as described on the tree.	N/A	Moderate	None
		N/A	N/A			Limb, Type: Lifted bark, Height: 5m,	N/A		
		N/A	N/A			Limb, Type: Tear out, Height: 3m	Moderate		
		N/A	N/A			Limb, Type: Ramshorn, 1.5 wide	Moderate		

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						looks like it goes in 3cm			
		N/A	N/A			trees to have features west also (knot hole to the north, small wound north (third tree), knot hole south (second tree)	Moderate		
141	Pedunculate Oak, Mature, DBH: 100cm, Height: 10m, Single-stem	Stem, Type: Knot Hole, Height: 5m, Aspect: South West	Moderate	Moderate	Endoscope from ladder	Entrance Height: 5cm, entrance width: 5cm, internal height: 1 cm, internal depth: 20cm. Dry. Apex shape: chambered.	Moderate	Moderate	None

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
142	Pedunculate Oak, Mature, DBH: 110cm, Height: 10m, Single-stem	Stem, Type: Knot Hole, Height: 3m, Aspect: South West	Moderate	Moderate	Endoscope from ladder	Height: 2m, entrance height: 8cm, entrance width: 6cm, internal height: 32cm, internal depth: 40cm. Dry. Apex shape: chambered.	High	High	None
		Stem, Type: Tear out, Height: 5 m, Aspect: South	N/A			Height: 5m, entrance height 5cm, entrance width: 3cm, internal height 5cm.	Moderate		
		Stem, Type: Hollow centre of tree.	N/A			hollow centre of tree, goes down to the base of the tree and up into a chamber. Entrance at 3m high (pollard) and	High		

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						at base of tree			
		Limb, Type: Knot hole, Height: 3 m. Aspect: East	N/A			Entrance height: 3cm, entrance width: 3cm, internal height: 2cm.	Low		
		Limb, Type: Knot Hole, Height: 3.5m, Aspect: South West	Moderate			Entrance height: 2cm, entrance width: 3cm, internal height: 4cm.	Low		
155	Pedunculate Oak, Mature, DBH: 100cm, Height: 10m, Single-stem	Stem, Type: Lifting Bark, Height: 3m, Aspect: South	High	High	Endoscope from ladder	N/A	High	High	None
		Limb, Type: Tear Outs, Height: Not Specified, Aspect: South	High			N/A	High		

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Stem, Type: Wounds, Height: Not Specified, Aspect: West	High			Height: 2.5m, entrance height: 30cm, entrance width: 4cm, internal height: 2.1cm. Dry. Invertebrate's present	High		
		Stem, Type: Wounds, Aspect: South	N/A			Height: 3cm, entrance height: 17cm, entrance width: 17cm, internal height: 6cm, internal width: 6cm. Dry. cavity behind rams horns round the wound that also goes into lifting bark	N/A		

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
156	Pedunculate Oak, Mature, DBH: 50cm, Height: 11m, Single-stem	Stem, Type: Woodpecker Hole, Height: 8m, Aspect: North East	Moderate	Moderate	N/A	N/A	N/A	N/A	Tree could not be found however whole copse re-assessed (Tree 173 – 185)
159	Pedunculate Oak, Mature, DBH: 80cm, Height: 10m, Single-stem	Limb, Type: Lifting Bark, Height: 6m, Aspect: East	Moderate	Moderate	N/A	N/A	N/A	N/A	Tree could not be found however whole copse re-assessed (Tree 173 – 185)
166	Ash, Mature, DBH: 40cm, Height: 12m, Single-stem	Stem, Type: Butt Rot, Height: 0.5m, Aspect: South	Moderate	Moderate	Endoscope from ground	Height: 0.5m, Width: 2cm, Internal height: 3cm, Dry, Spiral shaped	Moderate	Moderate	None
170	Ash, Mature, DBH: 100cm, Height: 12m, Single-stem	Stem, Type: Wounds, Height: 2m, Aspect: East	Negligible	Negligible	Climbing	Height: 3.4m, entrance height: 45cm, entrance width: 22cm. Beehive	Moderate	High	None

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Stem Type: Tear outs , Height: 3.4 m, Aspect: North.	Negligible			Height: 8m, entrance height: 150cm, entrance width: 12cm, internal height: 10cm, internal depth: 5cm. lower part pocket cavity with bird nest. Top end of tear out is 2x3 cm and it goes into limb 10cm	High		
		Limb, Type: Tear outs, Height: 8 m, Aspect: Northeast.	Negligible			Height: 10m, entrance height: 3cm, entrance width: 3cm, internal height: 18cm. old blue tit nest on the base	High		

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Limb, Type: Knot hole, Height: 10 m, Aspect: South.	Negligible			Height: 6m, entrance height: 7cm, entrance width: 7cm, internal height: 3cm, internal depth: 15cm.	Moderate		
		Type: Knot Hole, Height: 6 m, Aspect: North.	Negligible			Height: 6m, entrance height: 25cm, entrance width: 20cm, internal height: 22cm.	Moderate		
		Limb, Type: Knot hole, Height: 6 m, Aspect: South.	Negligible			Entrance height: 50cm, entrance width: 30cm, internal height: 140cm, internal depth: 30cm.	Low		

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Stem, Type: Butt Rot , Aspect: Northwest.	Negligible			Height: 9cm.	High		
		Limb, Type: Knot hole, Height: 3.5 m, Aspect: East.	Negligible			Internal depth: 15cm.	Moderate		
		Limb Type: Knot hole, Aspect: East.	Negligible			Internal depth: 3cm.	Low		
171	Pedunculate Oak, Mature, DBH: 60cm, Height: 10m, Single-stem	Stem, Type: Lifting Bark, Height: 9m, Aspect: South	Moderate	Moderate	Climbing	Lifted bark exposed and wet.	Negligible	Low	None
		Type: Knot hole	N/A			Entrance Height: 15cm, entrance width: 4cm, internal height 4cm, internal depth: 12cm. Wet.	Low		

SLR Tree Number	Tree Species and description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		Stem, Type: Knot Hole, Height: 4m, Aspect: East	Negligible			Entrance Height: 5cm, entrance width: 3cm, internal height 7cm, internal depth: 4cm. Wet.	Low		

Table 4 Results of ground inspection of newly found trees of SLR 2021

Newly identified SLR Tree number	Tree species and description	Feature Description	Feature Potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
173	Ash, DBH: 65cm				Ground based assessment	NE limb, knot hole, 9 m high, approx. 4m from main stem, facing south Ivy clad south side Tear out main stem Dead stem with hole, south facing, 11m high Lifting bark, 6m high on main stem		Moderate	Snow prevented climbing
174	Oak, Height:12m, DBH: 65cm				Ground based assessment	Tear out south west facing, 3 m high at the end of limb Tear out 3m high, south west facing limb east facing, 1.5m from main stem.		Moderate	Snow prevented climbing

Newly identified SLR Tree number	Tree species and description	Feature Description	Feature Potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						East facing tear out/split on limb 2m from main stem Lifting bark 6m high, with ram horns, east facing			
175	Dead, Height: 9m, DBH: 32cm				Ground based assessment	Rotten cavity, 4-4,5 m high, Splitting from base		Moderate	Snow prevented climbing
176	Oak, Height: 9m, DBH: 74cm				Ground based assessment	Tear out east facing on limb, 2m from main stem Ivy plate		Moderate	Snow prevented climbing
177	Dead Oak at 45 degree angle to NE, DBH: 55cm				Ground based assessment	Knot hole 1.2 m high on main stem Lifting bark at 6 m high		High	Snow prevented climbing
178	Ash, Multi-stem, Height: 8m				Ground based assessment	3m high wound facing east (stem with feature 25cm diameter) Woodpecker		High	Snow prevented climbing

Newly identified SLR Tree number	Tree species and description	Feature Description	Feature Potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						hole 8m high, north facing Knot hole, 6 m high, west facing			
179	Ash, Twin-stem				Ground based assessment	Rubbing branches, 1.5m high, south facing, 22cm/17cm diameter Knot hole 7 m high, south facing East limb, knot hole 7.5 m high, woodpecker hole, knot hole and tear out (8m high approx)		High	Snow prevented climbing
180	Oak, Height: 11m, DBH: 45cm				Ground based assessment	Lifting bark south west at 1.5 m high Decay cavity 8-9m all the way to top		High	Snow prevented climbing

Newly identified SLR Tree number	Tree species and description	Feature Description	Feature Potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
181	Oak, DBH: 85cm				Ground based assessment	Dense ivy plate Decay on south limbs		High	Snow prevented climbing
182	Oak, Height: 8m, DBH: 55cm				Ground based assessment	Lifting bark with cavity at 5m high, south facing on main stem Wound and lifting bark at 6m high, east facing on main stem		Moderate	Snow prevented climbing
183	dead Oak, Height: 5m				Ground based assessment			Low	Snow prevented climbing
184	dead Oak				Ground based assessment	Lifting bark all over Knot holes at 2-3 m high Tear out on west limb		High	Snow prevented climbing
185	Oak, Height: 10m, DBH: 55cm				Ground based assessment	Knot hole at 3.5 m high, south facing Lifting bark south facing 7m high to top		Moderate	Snow prevented climbing

Newly identified SLR Tree number	Tree species and description	Feature Description	Feature Potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
						Knot hole with dead limb still in it at 3.7m high, south facing			
186	Oak				Ground based assessment	Ivy plate Lifting bark from 20cm to 1.5m high north west facing		Moderate	Snow prevented climbing

Table 5 Results of further inspection of moderate and high potential trees within the vegetation removal zone of SLR 2020 survey area

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
T1	Pedunculate Oak	Dead Pedunculate Oak tree with large split limbs in the canopy, lifted bark, and deadwood.	High	Climbing	Limb, North, Height: 3.5m, Entrance height: 20cm, Width: 4cm, Internal depth: 4cm		High	None
					Limb, Lifting Bark, West			
					Stem, Knot Hole, North-west, Height: 2m, Entrance height: 5cm, width: 5cm, Internal height 30, Internal diameter: 20, Dry, Chambered	High		
					Stem, Lifting Bark, North, Height: 2m			
					Stem, Lifting Bark, South, Height: 5m,			
					Subsidence Split, Height: 6m, Entrance height: 4cm, Width: 3cm, Internal height: 20cm, Dry, Peak/wedge shaped			
					Stem, Lifting Bark, East, Height: 6.5m, Entrance Width: 2cm			
					Stem, Lifting Bark, East, Height: 6m			
					Stem, Knot Hole, East, Height 8m, Entrance height: 5cm, Width: 5cm, Internal height: 8cm, Internal diameter, 5cm, Dry, Dome shaped	Low		

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
T2	Ash	Dead Ash tree with numerous holes (knot holes and rot) that could lead into larger cavities given the condition of the tree. Deadwood and split limbs were noted within the canopy.	High	Endoscope from ladder	Stem, Knot hole, West, Height: 5.5m Entrance height: 5cm, Width: 3cm, Internal height: 4cm, Internal width: 4cm, Internal depth: 15cm. Dry. Apex shape: dome. Woodpecker holes also present but contain no cavities	High	High	
T11	Ash	Early mature Ash with knot holes on the northern aspect – on the northern stem. One of these holes is at approximately 2m, the other at approx. 5-6m.	Moderate	Climbing	Stem, Knot hole, North, Height 1.8m, Entrance height: 5cm, width: 4cm, internal depth: 5cm, Wet	Moderate	Moderate	None
					Limb, Knot hole, West, Height: 6m, Entrance height: 4cm, Width: 4cm, Internal height: 5cm, Internal depth: 8cm, Dry	Moderate		
					Wounds, Height 8m	N/A		
T12	Possible Ash	Veteranised pollard (possibly Ash). The tree had a completely open/hollow base and some lifted bark around the main stem. At least one stem	High	Endoscope from ground	Limb, Tear Outs, North, Height: 2m, Internal height: 20cm, Dry, Apex shape: Spire, Invertebrates present	Moderate	Moderate	None

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		rising from the main stem has potential cavity for at least 1m – area of rot and decay leading along the branch.						
T20	N/A	A monolith/standing deadwood. This had significant rot/decay, small splits, and minor lifted bark. There was a possible hole facing the field at approx. 2.5-3m.	High	Endoscope from ladder	Lifted bark	Negligible	Negligible	None
					Stem, Knot hole, East, Height: 2.5m, Entrance height: 4cm, Width: 4cm, Internal height: 2cm. Wet	Negligible		
T21	Sycamore	Multi-stemmed Sycamore (coppiced) with one dead stem. This was hollow and had a potential cavity leading down into the stem. There are holes on the largest stem at approx. 4m – rot at this point	High	Endoscope from ladder	Cavity open on top not suitable. exposed	Negligible	Negligible	None

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		meant there could be potential cavities.						
T34	Sycamore	A Sycamore with a hole on its stem above a fork (at approx. 6m). This was a possible knot hole on the eastern aspect that appears open/to enter cavity that appeared large enough for bats or nesting birds (i.e. blue tits).	Moderate	Endoscope from ladder	Stem, North-west, Entrance height: 10cm, Width: 2.5cm, Internal height 21cm, Dry, Two chambers (chamber 1)	Moderate	High	None
					Limb, East, Internal height 18cm, internal depth: 4.5cm. Damp. Two chambers (chamber 2), Possible decomposed droppings	High		
T35	Field Maple	A mature Field Maple coppice. The branched on the southern stem/aspect have knot holes/rot holes that appear to lead into cavities. One of these was at approx. 4m and the other at 5-	Moderate	Endoscope from ladder	Limb, Tear Outs, West, Height: 3.9m, Width: 8cm, Internal height: 20cm,	Moderate	High	None
					Limb, Tear Outs, West, Height: 3.9m, Entrance height: 11cm, Width: 2.5cm, Internal height: 4cm. Dry, Spire shaped	High		

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		6m; however, the branches were relatively small.						
T38	Ash	An early-mature Ash at the northern end of W5 with moderate Ivy cover on the main stem. There was a cavity/wound at approx. 1.2m from ground level on the southern aspect. This appeared to extend up into the stem and would require further inspection with an endoscope.	Moderate	Endoscope from ground	Height: 1.2m, Entrance height 2cm, width: 2cm, internal height: 70cm, Internal depth: 5cm, Wet, Dome shaped	Moderate	Moderate	None
T75	Sycamore	Mature Sycamore coppice. A large forked stem nearest the field had a wound/decay	High	Endoscope from ladder	Hole blind	Negligible	Negligible	None

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		leading along the length of the stem for approx. 4-5m which starts around 5m from ground level. Within the diseased area was a branch connection, at this point was a hole that leads up into the stem – appeared to go upwards when viewed through binoculars.						
T76	Ash	Multi-stem mature coppice Ash on the field edge. The smallest stem had significant rot and a large wound running along its length. There were multiple points of ingress to possible cavities in the rotten	High	Endoscope from ladder	Top of branch waving. Lifted bark saddle	Low	Low	None

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		stem, along the edge of the wound.						
T77	Sycamore	A mature Sycamore coppice on the field boundary, just north of a hedgerow connection. One stem had two parallel branches leading into the woodland. The upper branch had a lost limb/knot hole on the northern aspect. There was also a hole approx. 1m along the branch and associated decay appeared to lead into a cavity within the branch.	Moderate	Climbing	Limb, Knot hole, South, Height: 8m, Entrance height: 5cm, Width: 5cm, Internal height: 7cm, Internal depth: 18cm, Wet, Dome shaped	Low	Low	None

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
T78	Sycamore	An early mature Sycamore on the edge of the woodland. This appeared to have decay within the canopy and along the main stem (unhealthy crown). There were at least six woodpecker/rot holes along the stem from approx. 10m to 15-16m from ground level. The holes faced into the woodland.	High	Climbing	Stem, Woodpecker hole, Height: 7m, Height: 3m, Width: 2cm, Internal height 20cm, Dry, Chambered. Possible dropping decomposed, top hole was blind	High	High	None
T79	Elm	Damaged *Ulmus sp*. that was lifting from the root plate and had fallen into the woodland. There was a wound at approx. 1.5m from the ground – the open area of the wound is 30cm x	Moderate	Endoscope from ground	Entrance height 5cm, Width: 3cm, Internal height: 35cm, Dry, Spire shaped	Moderate	Moderate	None

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		7cm. A cavity leads up into the stem and was at least 30cm.						
T80	Sycamore	An early mature twin stem Sycamore . The southern stem had a fork at approx. 10m, just below the fork was a woodpecker hole.	Moderate	Ground assessment	N/A	Moderate	Moderate	Woodpecker hole and split not possible to assess close up as situated on limb with split
					Split on base of stem, from side to side of stem	Moderate		
T81	Sycamore	Multi stem Sycamore on the woodland/field edge. The stem nearest the field (which had a branch leaning over the hedgerow) had a fork at approx. 7-8m. Just below the fork was a woodpecker hole, which was south facing.	Moderate	Climbing	Woodpecker hole, Entrance height: 9cm, Width: 5cm, Internal height 100cm, Internal depth: 20cm, Dry. Chambered. Cavity with several entrances around stem, bird nest at the bottom. Entrances North, North-east and south. All connected	High	High	None

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
T82	Sycamore	A multi stem Sycamore. The northern stem, which was leaning over the hedgerow, had a knot hole that appeared to have a cavity. It had a smooth entrance/was clear and open when viewed through binoculars.	Moderate	Climbing	Knot hole, Height: 7.5m, Entrance height: 15cm, Width: 6cm, Internal height: 1m, Internal depth: 5cm	Low	Moderate	None
					Knot hole, Height: 7.5m, Entrance height: 15cm, Width: 5cm, Internal height: 24cm. Peak/wedge shape	Moderate		
T83	Sycamore	Multi stem Sycamore (twin stem + three stem). Two stems have knot holes/lost limbs and possible cavities leading into the stems. The features were high up on the stem and horizontal/facing	Moderate	Climbing	Limb, Knot hole, East, Height: 6m, Entrance height: 25cm, Width: 2cm, Internal height 4cm, Internal depth: 3cm, Wet	Low	High	None
					Limb, Knot hole, East, Height: 6.2m, Entrance height: 6cm, Width: 7cm, Internal height: 2cm, wet	Low		
					Limb, Knot hole, South, Height: 6.3m, Entrance height: 15cm, Width: 3cm, Internal height: 1cm, Internal depth: 4cm, Wet, Chambered	Negligible		

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		upwards, preventing assessment using binoculars – requires climb and inspection.			Limb, Knot hole, Height 7.5m, Entrance height: 7cm, width 7cm, Internal height 1cm, Internal depth: 4cm, Wet	Negligible		
					Stem, Tear outs, South, Height: 6m, Open cavity	Low		
					Limb, Tear outs, South-east, Height: 8m, Entrance height: 5cm, Chambered: 2 cavities. Bottom cavity entrance 15x4cm (decaying and wet), top cavity entrance 12x1.5cm, 1cm deep. Birds nest in lower opening	High		
T84	Sycamore	An early mature Sycamore with damage and scarring on the main stem and branches. There was a large wound on the first major branch (growing towards the hedge). The wound had significant decay which extended up the branch (dead). There appeared to be	High	Endoscope from ladder	Lightning strike, Height: 4m, Entrance height: 25cm, Width: 5cm, Internal height: 3cm, Internal depth: 3cm, Dry, Spire shaped, Invertebrates present	Low	Low	None

Tree number	Tree species	Description of tree features	Tree potential as per 2020 report	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		an entrance/ingress point into the decay/possible cavity.						

Table 6 Results of further inspection of moderate and high potential trees within the vegetation removal zone of Yoxford

Yoxford Tree Number	Tree species / description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
1	Dead tree, DBH: 70cm, Height: 10m	Stem, Type: Frost crack, Height: 9m, Aspect: East	Low	Moderate	Endoscope from ground	Minimal depth	Negligible	Negligible	None
		Stem, Type: Frost crack, Height: 1m, Aspect: East	Moderate			Height: 1m, not wide enough for a bat	Negligible		

Table 7 Results of further inspection of moderate and high potential trees within the vegetation removal zone of FMF

FMF Tree Number	Tree species description	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
9	Pedunculate Oak, Mature, DBH: 70cm, Height: 7m, Multi-stem	Stem, Type: Lifting bark, Height: 7m, Aspect: North	Low	Moderate	Climbing	N/A	Low	Moderate	
		Stem, Type: Desiccation fissure, Height: 7m, Aspect: North	Moderate			Height: 4m, Width: 3cm, Internal height: 30cm, Internal width: 8cm, Internal Depth: 8cm, Chambered	Moderate		
		N/A	N/A			Crack, Height: 30cm, Width: 2cm, Internal depth: 2cm	Low		

Table 8 Results of further inspection of moderate and high potential trees within the vegetation removal zone of GRR

GRR Tree Number	Grid Reference	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
8	TM 4450 6383	Semi-mature Field Maple. 300mm diameter stem mostly obscured by ivy	Thick mature ivy stems (30-50mm diameter) with potential roost features between ivy.	Low-Moderate	Endoscope from Ladder	Ivy is dead, was cut down at the base. Ivy stems no longer attached to stem	Negligible	Negligible	None
15	TM 43316 63149	Mature Field Maple. Partially dead stem (600mm diameter) truncated at 4m	Truncated stem with multiple access points with cavity extending upwards into stem blocked by leaves.	High	Endoscope from Ground	Large internal cavity with several entrances	High	High	None
16	TM 43285 63069	Semi-mature Ash. Multi-stem at 0m. Middle stem	Several partially occluded wounds on limb	Moderate	Endoscope from Ladder	Height: 3m	Moderate	Moderate	None

GRR Tree Number	Grid Reference	Feature description	Feature potential	Tree potential as per DCO	Further survey method	2021 Description of Feature	2021 feature Potential	2021 tree potential	Survey constraints
		400mm diameter. Mostly obscured by ivy	(150mm diameter) at 4m on southern side of southern stem.						